



Staff Elections For The Tech Are Announced

Eleven Men Promoted To Junior Board From Sophomore Positions

Eleven men were promoted to positions on the Junior Board of **The Tech** and new men were added to the staff as a result of elections held this week. The promotions were from both the Business and News Departments and were based on the work done by the men during the past term.

The Junior Board promotions in the Business Department were; William H. Schield, Jr., 2-46, Treasurer and Arthur Schiff, 2-46, Circulation Manager. In the News Department the new promotions were; Peter H. J. Spitz, 2-46, Desk Editor; Alan R. Gruber, 2-46, News Editor; William L. Phelan, 2-46, Assignments Editor; Arnold S. Judson, 2-46, Personnel Manager; Dean Bedford, Jr., 2-46, Features Editor; Steven J. Miller, 2-46, Recording Editor; and Noel N. Coe, 2-46, Exchange Editor.

In the Photographic Department, James L. Baker, 6-44, was elected Photographic Editor and in the Engraving Department Henry Koerner, 2-46, was elected Engraving Editor.

New Staff Assistants

Advanced to the position of Staff Assistant was William C. Dowling, 2-46, from the News Department and Richard S. Mooney in the Photographic Department. Admitted to the staff from the News Department were John E. Bartelt, 6-45, Harry L. Kopp, Gregory F. Meyer, 10-46, Harrison E. Rowe, 10-46, Ralph Segal, 2-46, and Roger L. Sisson, 10-46. From the Business Department Tony C. M. Nunes, 2-46, John V. Schmitz, 10-46, and Joseph A. Stern, 10-46, were added to the staff.

Any students interested in coming out for **The Tech** may do so at the start of next term. Those interested in the News Department should report to the News Room in the basement of Walker Memorial any Wednesday or Thursday afternoon. The Business Office on the third floor of Walker is open every Friday afternoon for students interested in that Department.

Professor Kent Passes At Home

Professor Norton A. Kent, a visiting professor at Technology, died yesterday at his home; he had been teaching in the Department of Physics since 1942.

Before coming here to teach, he had taught at Boston University for many years and had retired; when the war created a need for many instructors he came to Technology and taught until recently.

Professor Kent was always very much interested in his students; and his office on the third floor of Building 6 was always open. His passing is a great loss to the Department.

Finals Force No Issue Of The Tech Next Week

There will be no issue of **THE TECH** published next week due to the rapid approach of final exams. With only 237 hours remaining before the first brain teaser begins the members of the staff will be busy doing back homework and brownbagging in general instead of turning out news stories. The next issue will be the Freshman Camp issue on July 7.

In the meantime the entire staff wishes all students the best of luck on finals and the best vacation ever.

BOYD RAEURN



V-12 Unit To Hold Anniversary Ball This Evening

Boyd Raeburn To Play For Over 400 Couples; Vocalists Featured

Tonight at 10:00 P.M., Boyd Raeburn and his Orchestra will play for the V-12 Anniversary Ball in the Imperial Ballroom of the Hotel Statler. The Ball will commemorate the end of the first year of the V-12 Unit at the Institute.

The Ball is being sponsored by the unit's Welfare Committee, and it is to be a strictly Navy affair. As previously stated, it will start at 2200 and will end at 0200. Over 400 couples are expected to attend.

The members of the Welfare and Dance Committee are: Sabino C. DiSavino, 6-45, Chairman, Robert M. Dorwart, 2-46, Douglas Z. Doty, 6-45, William W. Pockman, 6-45, Richard Steele, John White, Edmund van S. Claxton, Frank W. Nolan, Jr., Robert E. Meyerhoff, Glen V. Dorfinger, Robert D. Baldwin, Jr., and Gilbert K. Krulac.

The chaperones for the Ball are: President and Mrs. Karl T. Compton

Vice-President and Mrs. James R. Killian

Mr. and Mrs. Ralph T. Joje
Lt. and Mrs. F. Curtis Canfield, U.S.N.R.

Lt. (jg) and Mrs. Orville R. Dahl, U.S.N.R.

Lt. (jg) and Mrs. Claude Faucett, U.S.N.R.

Ens. Charles J. Cherundolo

President Compton Announces Post-War Curriculum Changes; Tells Of Institute's War Service

Young Scientists Vital In Research, President Reports

Those listening to the radio broadcast of Technology night at the Boston "Pops" were pleasantly surprised when Dr. Karl T. Compton, President of the Institute, gave a short speech between two concert numbers. Mr. Lowe, the announcer, introduced President Compton and asked him several questions concerning Technology's part in the war effort.

"Unfortunately, Mr. Lowe," said Dr. Compton, "most of our war work is confidential. But I can tell you that our war research program involves over 200 projects and that our total expenditures this year may reach \$30,000,000—as compared with a normal expenditure of \$4,000,000. We have had to expand our facilities very rapidly, adding nearly 20 acres of working floor space."

Praised Young Scientists

On being asked whether the idea of a "young man's" war was true in the laboratory as well as on the battlefield Dr. Compton stated that many of our most significant scientific developments have been made by young scientists, because "often only young men have the new and specialized knowledge necessary for important research in this war." Many scientists, moreover, have been transferred to field laboratories in active theaters of war to carry on and test research made over here.

(Continued on Page 4)

Official Notice

Registration material for the Summer Term 1944 for all students should be obtained in Building 10 Lobby on Monday, June 12, from 8:45 A.M. until 1:30 P.M. After 1:30 P.M. material may be procured at the Information Office, Room 7-111. This material must be filled in and returned to Room 3-107 before 1 P.M., Friday, June 23.

Commissions Presented To 237 Air Corps Meteorology Cadets

Two hundred and thirty-seven weather officers, who had taken the Institute's special course in Meteorology, received their commissions at the graduation held on Monday morning, June 5, in Walker Memorial's Morss Hall. The impressive ceremony marked the completion of eight months of intensive academic and military training at the Institute. The young officers, now second lieutenants in the Army of the United States, have been assigned to active duty as weather officers.

The ceremony was opened with an invocation by Chaplain Ernest L. Loomis (major), of the Headquarters, First Service Command. After the invocation, an address was delivered by Lieutenant Colonel John F. Heflin, representing the Army Air Forces Eastern Technical Training Command.

Dr. Compton Speaks

At the conclusion of Colonel Heflin's address, Dr. Karl T. Compton, President of the Institute, spoke to the cadets and the large audience. After President Compton's remarks, Major Joseph F. Ratliff, Sr., commanding officer of the 3515th Base Unit, Army Air Forces, presented the cadets for commission and oath of office. Colonel J. K. Arnold, representing Headquarters, Weather Wing, Army Air Forces, then gave an address and presented letters of appointment to the cadets. The ceremony was concluded with the singing of the National Anthem.

The weather course is the longest technical training course given by the Air Corps. The men who graduated Monday began their work in advanced meteorology eight months ago. At Technology they studied dynamic and synoptic meteorology, climatology, weather map-making, and forecasting. This was the second class to complete the meteorology course at the Institute, the first being graduated on September 6, 1943.

After the ceremony, the newly commissioned officers filed out of Walker Memorial to be met by a line of enlisted men waiting to collect the traditional dollar bill which goes to the man who gives an officer his first salute.

DR. KARL T. COMPTON



Frederic H. Fay Dies Sunday

Was Former President Of Alumni Association

Frederic H. Fay, former president of the Technology Alumni Association and former Corporation member, died Sunday evening in the Charlesgate Hospital. He was born in Marlboro and after graduating from the Institute in 1893, he received his master's degree the following year. He was very active in the Alumni Association, being elected President in 1913 and a Corporation member for five years. During his lifetime he was a consulting engineer for many government and private projects, one of which was the construction of the \$25,000,000 Army base at South Boston in 1918-1919.

In 1894 he became a draftsman for the Boston bridge works, and from 1895 to 1910 he was in charge of bridge design and construction. In 1914 he resigned his position to form the private engineering company of Fay, Spofford and Thorndike with Professor Charles M. Spofford and Sturgis H. Thorndike. He was senior partner of the firm at the time of his death.

Until poor health forced him to resign in 1939, he was a member of the Boston planning board; he was chairman from 1932. He was also a member of the Council of the American Institute of Consulting Engineers, being elected President in 1927.

Major Cameron Leaves Institute

Major William T. Cameron, Coast Artillery Reserve, left the Institute's Military Science department on Wednesday to go to the University of Virginia, where he will take courses in the Army's School of Military Government. He had been at Technology since September 24, 1942.

Major Cameron attended Boston University and the Boston College Law School. He holds a master's degree in education and has taken some courses toward a doctorate. Before being called to active duty, Major Cameron was a teacher in the Boston Public School System.

A sergeant in the Marines in World War I, Major Cameron was wounded in action. He received the Purple Heart. Before he took his post at the Institute, he served in the Harbor Defenses of Boston.

Humanics Courses To Be Prominent In New Program

Changes in the undergraduate curriculum of the Institute to meet the special requirements of education in science, engineering and architecture after the war, have been approved by the faculty, Dr. Karl T. Compton, President of the Institute, announced last Sunday. The plan is the result of months of study by a faculty committee appointed to consider simplification of courses.

The future of technical education in relation to significant advances in science during the war was considered by the committee in revising the curriculum. The new program, therefore, incorporates long-range educational policies in a flexible plan which is adaptable to the changing needs that study discerns are probable immediately following the war. The new schedule, based on a two-term academic year, is expected to meet the requirements of college men returning from war service to complete their interrupted education, as well as the needs of young men who went directly from high school into the armed services and wish to begin their college courses when they return.

The most important feature of the revision is a coordinated four-year program in the humanities and social sciences which emphasizes the Institute's long established educational philosophy of instruction in the ethical and social implications of science and technology.

(Continued on Page 4)

I.F.C.; Field Day Elections Approved By Inst. Comm.

Committee Appointed For Investigation Of New Lecture Series Comm.

The elections of Carroll W. Boyce, 10-44, and Alexander E. Halberstadt, Jr., 2-46, as President and Secretary respectively of the Interfraternity Conference were approved at yesterday's Institute Committee meeting, held from 5:00 P. M. to 6:00 P. M. in Litchfield Lounge. Also approved were the elections of S. James Goldstein, 2-46, as Field Day Manager, and of John S. Howkins, Jr., 6-45, as Inst. Comm. representative of T.E.N.

A discussion of a motion to withdraw \$100 from the Summer Social Committee fund to pay for losses sustained on the Sophomore Prom held early this year followed. This \$100 is part of the profits which were made on the dance which the Summer Activities Committee held last year at New England Mutual Hall. Since there will probably be no Summer Activities Committee this year, several dances having already been scheduled, and since \$100 could anyway be spared by such a committee, the motion seemed entirely proper and was passed unanimously.

Lecture Series Committee

Next a motion was brought up to give the newly formed Lecture Series Committee the rating of a Standing Committee and a seat on the Institute Committee. The com-

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The Tech

Vol. LXIV

Friday, June 9, 1944

No. 21

Managing Board

General Manager George R. Dvorak, 6-45
 Editor T. Nicolas Berlage, Jr., 6-45
 Business Manager Herbert A. Frankel, 6-45
 Managing Editor Harmon A. Poole, Jr., 6-45

Editorial Board

Cortlandt F. Ames, 10-44 H. Bruce Fabens, 10-44 Herbert F. Knappe, 6-44
 Carroll W. Boyce, 10-44 Wilson N. Gilliat, 6-44 Gilbert K. Krullee, 10-44
 King Cayce, 10-44 John L. Hull, 10-44 Peter L. Quattrochi, 10-44
 Gabe E. deRoeth, 10-44 Robert L. Hunter, 10-44

Associate Board

James L. Baker, 6-44 Arnold S. Judson, 2-46 Ralph R. Scherer, 6-45
 Dean Bedford, 2-46 Henry Koerner, 2-46 William H. Shield, 2-46
 Noel C. Coe, 2-46 Steven J. Miller, 2-46 Arthur Schiff, 2-46
 Alan R. Gruber, 2-46 William L. Phelan, 2-46 Peter H. J. Spitz, 2-46

Staff Assistants

William C. Dowling, 2-46 Ray E. Homan, 2-46 Robert G. Wilson, 2-46
 William F. Herberg, 2-46 Richard S. Mooney, 6-45

Offices of The Tech

News and Editorial—Room 3,
 Walker Memorial, Cambridge, Mass.
 Telephone KIRKland 1882 Business—Room 301, Walker
 Telephone KIRKland 1881

STUDENT SUBSCRIPTION, \$1.50 Per Year

MAIL SUBSCRIPTION, \$2.00 PER YEAR

Published every Friday during College Year, except during College Vacation.
 Entered as Second Class Matter at the Boston Post Office.

Publishers of "Vu", the M.I.T. Pictorial Magazine

REPRESENTED FOR NATIONAL ADVERTISING BY
National Advertising Service, Inc.
 College Publishers Representative
 420 MADISON AVE. NEW YORK, N. Y.
 CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

Associated Collegiate Press

Distributor of

Collegiate Digest

Makeup Assistants For This Issue

William L. Phelan, 2-46

Harrison E. Rowe, 10-46

STICK TO YOUR GUNS

No doubt it is wasted effort to suggest that everyone try to do their best on the final examinations coming up soon. We hope so. But it is only too true that there has been a lot of feeling around the Institute of "What's the use of studying? I'll never finish school."

This may be true in many cases, but if you don't finish now, you may, and should, finish later. The Institute is revising its curriculum to meet post-war conditions, to be of most benefit to returning servicemen. Besides that, Technology will be a more enjoyable place, with peacetime social opportunities.

Before the next term opens, a number of Technology students will have left for the armed services. Many will be glad to go, glad of a chance to participate in the action which almost everyone else in the world is in, particularly since the recent opening of the second front. A few will not be glad. And many who stay in school will not be glad, either.

May we, at the risk of repeating familiar phrases, remind you who stay and study that while others are serving by fighting, yours is the battle right here. Engineers are as important in winning this war as soldiers. President Compton said last Saturday, "This is the most technical of all wars, and it is no exaggeration to say that major battles are won in advance in the scientific laboratories of the United Nations." Scientific laboratories need men; you are the men. You may rightfully feel restless, but here lies your duty. Here you must fulfill it.

But see that you do fulfill it. Yours is an important job. Stick to your guns. There are other things you can do to help; you probably know them. You can buy War Bonds. Most of the V-12 is buying them already; we can all buy more. You can give blood. The Blood Donor Committee maintains a convenient blood donor desk, but it is taken advantage of only about 50 times a week. This is not a very good showing.

You who are going, we wish the best of luck; you who stay, we exhort to do your duty by your country, to learn all you can while training for a vital engineering job. But whichever will happen, at present you are here with finals coming on. At the moment your duty lies here. Stick to your guns.

ELECTIONS

The Managing Board of *The Tech* is pleased to announce the following elections:

In the Business Department, the following were elected to positions on the Junior Board: Arthur Schiff, 2-46, Circulation Manager; and William H. Shield, 2-46, Treasurer.

The following persons were elected to Junior Board positions from the News Department: Peter H. J. Spitz, 2-46, Desk Editor; Alan R. Gruber, 2-46, News Editor; Dean Bedford, Jr., 2-46, Features Editor; Arnold S. Judson, 2-46, Personnel Manager; William L. Phelan, 2-46, Assignments Editor; Noel N. Coe, 2-46, Exchange Editor; and Steven J. Miller, 2-46, Recording Editor.

James L. Baker, 6-44, has been made Photographic Editor, and Henry Koerner, 2-46, has been elected Engraving Editor.

William C. Dowling, 2-46, and Richard S. Mooney, 6-45, have been promoted to the rank of Staff Assistant.

The following men have been elected to the staff: In the Business Department, Tony C. M. Nunes, 2-46, John V. Schmitz, 10-46, and Joseph A. Stern, 10-46. In the News Department, John E. Bartelt, 6-45, Gregor F. Meyer, 10-46, Harrison E. Rowe, 10-46, Ralph Segal, 2-46, and Roger L. Sisson, 10-46. In the Engraving Department, Henry S. Kopp, 2-46.

Thirty-four Give Gallon Of Blood

Forty-nine A Week Donate Blood, Average

Thirty-four persons connected with the Institute are members of the "Gallon Club," the group of persons who have each given a gallon or more of their blood to the American Red Cross, according to Miss Constance Houghton, Blood Donor Drive Signup Secretary. The list was compiled from the Blood Donor Desk records, and may be incomplete, inasmuch as many persons at Technology have given their blood through other groups.

Among the members of the exclusive gallon group, from the staff are: Professors Avery A. Ashdown (who has given blood 10 times), Paul M. Chalmers (10 times), George C. Manning, Earl B. Millard, Dr. Karl W. Deutsch and Messrs. Arthur A. Bright, Roberto M. Fano and Leon F. Graves. "Gallon Club" members from the student body are: Peter P. Agoston, 6-45, Robert D. Arnold, 2-44, K. T. Momose, 10-44 and George H. Fischer, 10-44.

Receive Certificate

The Blood Donor Committee, represented by Miss Houghton, received a certificate acknowledging its excellent work at a D-Day ceremony on Monday. The ceremony was held at Harvard's New Lecture Hall.

The average number of persons to give their blood each week since the start of the drive in February is 49. In the week of May 22, 52 gave their blood, and in the following week, 19 gave their blood. The latter mark, the lowest since the start of the drive, was due in part to the fact that there is no longer a group of 15 Air Corps Cadets going every week. This week's showing has been most encouraging, and it seems probable that a record for a single week will be established. Up to Wednesday, 37 persons had signed up at the Information Office desk.

Lt. Col. N. W. Alexander Inspects R.O.T.C. Unit

Technology's three R.O.T.C. companies were inspected on Monday and Tuesday by Lieutenant Colonel Newton W. Alexander, of the Training Division of the First Service Command. Colonel Alexander stated that the two Sophomore companies compared satisfactorily with Sophomore units at other New England colleges, and that the freshman company was outstanding in view of the short training period that it has undergone.

O-At-Ka Delegates Meet At T.C.A. This Afternoon

There will be a meeting of all delegates who are to represent the Institute at the O-At-Ka conference of the Student Christian Movement in New England at the T.C.A. office this afternoon at 5:00 P.M. The O-At-Ka conference will be held during the week of June 19.

According to Allen C. Crocker, 6-45, who will lead Technology's delegation, the purpose of the meeting will be to answer any questions of delegates and of those who are interested in becoming delegates.

In The Spotlight

Two weeks ago Oscar Hedlund appeared in the Spotlight; and now his running partner in a great champion track team that will close its season tomorrow at Williams-town comes under the light in the person of Captain "Bud" (Arthur Lincoln) Bryant, 10-44. Bud, who never put on spikes before he entered the Institute in the fall of 1941, does his daily chore out at Briggs Field with a regularity that has become a custom for about three years. His record is the story of a man who has worked very hard and who has been well rewarded for his work.

Bud says that he always hankered to do a little running, but he just never got around to it until he attended Freshman Camp and heard Oscar give a little talk about track at Tech. Well, that was the beginning. "I don't know what I would have done without Oscar," Bud confesses, "I'd probably never even have tried."

Inglorious Beginning

"I sure was hopeless during that first fall out there—in fact everybody got a great laugh out of me," the likeable sailor continued, "but I finally won my first races in the following spring during some freshmen meeks."

That was the first rung on the ladder, and a long climb was ahead for this Mechanical Engineering Senior. In the winter of 1942, Bud made the winter relays and was a member of the team which was victorious in the Millrose and B.A.A. Games. The following spring Oscar chose him for work in the 880, and in that event he became the New England A.A.U. junior champ. "Only the junior champ," he emphasized modestly.

Elected Captain

He had earned his spurs, and was elected Captain of the team a year ago almost to the day. The newly-elected captain immediately plunged into some cross-country work last summer. In November he was a member of the Beaver cross-country team that copped the New England IC4A crown.

"So far we haven't said very much about Bud himself. Bud was born and raised in the small town of Binghamton, New York. His hobby was the violin. "I took lessons for ten years; but gave it up when I came to Tech," he said in a happy, sad sort of way. "But in high school I just did what everybody else did." Bud is a true and loyal Phi Delta Theta; he was treasurer of his house in the spring of 1943.

Winter Relays

Last winter Bud did a great job in the winter relays; travelling down to New York four times, Bud was a member of a team that was first in the Knights of Columbus Games, second in the Millrose and New York A. C. Games, and fifth in the IC4A. "We also won the relay in the B.A.A. Games and were New England A.A.U. champions."

In the way of individual honors Bud is the New England Inter-collegiate champ in the 880; he has won every half mile he has entered this spring, except one when he placed fifth in the National IC4A. Don Burnham of Dartmouth won that one. "That place was a very remarkable job on Bud's part; he ran against the best in the country, and he looked great," was Hedlund's comment about that one. Furthermore, Bud is captain of the New England Champs, who may be unbeaten pending the outcome of tomorrow's meet.



BUD BRYANT

Staff Photo

Bud was elected president of the M.I.T.A.A. two months ago; he is a member of the Institute Committee, the Senior Week Committee, and the Field Day Committee. He is president of the Track Club; and he has twice been awarded Tech's highest athletic award — the straight T.

"Bud has been a very successful runner and captain of the team," was Coach Oscar Hedlund's word.



LINCOLN'S VISION is today's reality!

STEEL RAILS connecting coast with coast! That was Abraham Lincoln's vision, realized by the Driving of the Golden Spike. This historic event, in 1869, united the first transcontinental tracks, and initiated the nation-wide delivery by Express of commercial goods and personal packages at passenger train speed.

Today, Railway Express operates on 230,000 miles of track. Over them daily, 10,000 trains speed shipments of every kind to and from 23,000 offices. Included in this nation-wide network is almost every college town in America. Generations of students first learned about Express Service when they left home for college, then grew to depend upon it during their years on the campus.

When you do have packages to send, you can help us do our war job better by aiding in three ways: Pack your shipments securely—address them clearly—start them early. Our century of experience proves that "a shipment started right is half-way there!"



NATION-WIDE

RAIL-AIR SERVICE

For Boys To Play

... either the fraternities are harboring a bunch of brownbaggers or the draft has hit harder than has been assumed for the Navy Course XXV men have taken that part of the curriculum away from the usual supporters. It seems the days are past when the civilians let the Navy into parties as a favor, now the boys in blue are giving their own brawl.

It is a thoroughly deplorable state of affairs.

... on the Naval docket for tonight is the big V-12 Anniversary Ball, featuring Boyd Raeburn and his orchestra. From all indications it ought to be a gala occasion. Those running it have done a creditable job and from the enthusiasm shown the Navy should have as good an affair as any civilian prom.

M.I.T. Skippers Place Second In Macmillan Cup Elimination

Last Saturday Tech placed second in a qualification race for participation in the MacMillan Trophy Regatta. The regatta is to be held at Marblehead in late June.

The races were held at Coast Guard at New London. The M.I.T. boats defeated Yale handsomely and lost to Harvard by the slim margin of 1¼ points. The two Tech skippers, Chuck Bloomer and Lea Bright, did some fine sailing and almost won the elimination contest.

Bloomer especially deserves note for his consistent winning style throughout the racing season. Coast Guard did not participate in this race as they are in a different division.

Tech Takes Second at Coast Guard
Two weeks ago at New London,

M.I.T. again placed second in an informal regatta. Coast Guard was first, with Tech second and Harvard last. The race was originally to be formal with four colleges competing. However, only the three mentioned were there to race and so the sailing was done on an informal basis.

Chuck Bloomer again starred in this race, while R. O. Smith, another consistent winner, was the other Tech winning skipper.

The lineup of the skippers for the dinghies is as follows:

Dinghies — Doggett, Atkinson, Bloomer, Cushman, A. Black, R. O. Smith, R. V. Horrigan, Powell, Bleckstein.

Stars—Bright, Grant, Ayling, D. Black.

Track Men Face Williams Tomorrow

Bates Easy Victim Last Week-End; Beavers Yet Unbeaten

The Beaver trackmen did it again. On Briggs Field last Saturday afternoon Bates was the victim in the final home meet of the year. The score, 99-36, doesn't quite tell the whole story, for the affair was closely fought all the way with the Bobcats on the short end.

Tomorrow afternoon Coach Oscar Hedlund will take about twenty-five men up to Williamstown to close the season against a mysterious Williams team. "We don't know anything about them; but they usually have a good bunch up there," said Hedlund, "Of course, that doesn't help us much."

Distances Exciting

The distances last Saturday offered plenty of excitement as usual. Dick Poorman, who replaced ailing Grant Umberger in the 2-mile lineup, came through with a 10:23. And Charlie Goldie managed to eke out a win in the exciting mile event.

The field events really had a field day as the Beavers swept the high jump, the broad jump and the discus; and the field men never gave up more than one place in any event.

220-yard L.H.: won by McKee (M); Baldwin (M); Pyle (M); time 25.0s.

120-yard H.H.: won by McKee (M); Baldwin (M); Pyle (M); time 16.3s.

100-yard dash: won by Dolan (B); Parker (B); Casey (M); time 10.0s.

220-yard dash: won by Dolan (B); Vasey (M); Hazel (B); time 22.2s.

440-yard dash: won by Bailey (M); Chapman (M); Cameron (B); time 52.0s.

380-yard run: won by Bryant (M); Whipple (M); Burns (B); time 2:02.5.

1-mile run: won by Goldie (M); Hut-ton (B); Dickey (M); time 4:43.5.

2-mile run: won by Poorman (M);

(Continued on Page 4)

O. C.'s Last Trips To Be This Sunday Plans For Vacation Are Almost Complete

This weekend the M.I.T. Outing Club will wind up the term with its last two trips. They will both be on Sunday. The first is a cycling trip to the vicinity of Groton. The cyclists will pedal about forty-five or fifty miles and then catch the train back in the evening. The second trip is a hiking expedition into the Lynn woods. This will be one of the first trips the club has taken to hike in this region. Usually trips have been to the Blue Hills. It is even unfamiliar territory for other Outing Clubs than Technology's.

Vacation Trips

Some time, probably during the first week of vacation a canoe trip will be run in the Adirondack Mountains around Lake Placid, New York. Details are still being worked out, and anything new that develops will be available at the Outing Club office in Walker Memorial.

Starting Saturday, June 24, there will be a hiking trip in the White Mountains. This trip will be a week long, although half way through it, the expedition will find itself at a place called Crawford Notch. This is a railroad station, so people may join the trip here, or they may leave it. The actual hiking will be from North Woodstock to Berlin (New Hampshire). From Berlin, the hikers will catch the train back and be in Boston at 9:40 P.M. on Sunday, July 2.

Crew Banquet Planned For Thursday, June 15

This Thursday night the successful crew will hold a banquet at the Smith House, at six-fifteen P.M. All the oarsmen at the boathouse are invited to come and celebrate a successful season. The price is \$1.25.

There will be several speakers as per usual. It is hoped that Dr. Compton will be able to be present.

Field Day Class Division Announced By Committee

The Classes of 2-46 and 6-46 will be considered Sophomores, and the Classes of 10-46 and 2-47 freshmen, in Technology's forty-fourth annual Field Day, which will be held on Saturday, August 26, it was announced last night by the Field Day Committee. The seven Field Day events will be the same as last year's: swimming meet, track meet, dinghy races, crew race, softball game, tug-of-war, and glove fight.

Tech Tennis Team Drops Two Matches Princeton And Penn Take Tech's Measure

The M.I.T. Tennis Team wound up its season last week, with two matches on successive days, as they met Princeton and the University of Pennsylvania. It was the first trip away for the team this season, and they managed to squeeze both engagements into their schedule. The first opponent, whom they met on Friday, June 2, was Princeton, whose undefeated squad is one of the best on the Eastern seaboard. Princeton's record remained unblemished, as they sank the Tech netmen by a 9-0 count, to sweep the match. That victory sent the Techmen down to their first defeat of the season, for up to that point the record stood as four won and none lost.

Schaefer Wins

The following day saw the M.I.T. Team go down to a second defeat, this time at the hands of the University of Pennsylvania. Meeting experienced opposition, the Techmen lost by a 7-2 score. The two games taken by the Tech squad fell to the fifth singles, in which Joseph Schaefer starred, and the third doubles, in which Hewson and Haddox collaborated to produce a win. Pennsylvania also boasts one of the top-flight Eastern Tennis Aggregations, with a record that shows but one defeat. These last two matches finished the season's totals at four won and two lost for the Tennis Team this year. The Netmen are going to reorganize for a summer schedule, after the end of the term. The Tech Tennis Tournament which was planned for this term, will be played off during the summer because insufficient time remains before the end of the term.

Line-Up for M.I.T.	
Singles	Doubles
Chun	Chun-Noriega
Noriega	
Hewson	Mayer-Schaefer
Mayer	
Schaefer	Hewson-Haddox
Hugus	

Section 5 Wins Frosh Softball

Last Wednesday afternoon saw the finish to the freshmen softball league as Section 5 took over Section 6 to the score of 12-4. The competition had been in running for the last four weeks with games scheduled several days a week. Section 3 and Section 4 were eliminated early in the season. The Navy Sections were invited to enter the league but they failed to make any appearance.

M.I.T. Crews Defeat Harvard In Three Races Over Henley Distance

Lacrosse Team Bows To Green

Dartmouth Victorious 9-3 In Return Match

With every member of the squad seeing action, the M.I.T. Lacrosse Team closed its season last Saturday afternoon at Briggs Field. Their opponent was a strong Dartmouth aggregation which had previously defeated Tech by a 15-3 count. The Dartmouth Green again took a victory, but the final score of 9-3 demonstrates the improvement of the M.I.T. defense in the interim between the two engagements. The loss of this final game, winds up the Tech record at two wins, one tie and six losses. Tech victories were scored over Harvard and Governor Dummer; the Lacrossemen tied the Boston Lacrosse Club; and Exeter, Andover, Dartmouth, Tufts and Stevens defeated M.I.T.

Tech's mainstay on attack this season has been Captain Jim Brayton, even though he was not the high scorer for the team. The high-scoring honors went to the talented Pete Wyckoff, who was outstanding in the mid-field in every game that Tech played this season. Another Techman who played well this year is goalie Bob Bronson, who was shifted from his mid-field position at the beginning of the season. He nets, but has also kept the defense well organized, and added to the spirit of the team. Other men who were outstanding during the season and aided the team greatly are Stan Meduski on attack, Bill Pierce at defense and Don Walsh in the mid-field.

Meduski Scores Twice

In the final game of the season, Tech went out in front at the close of the first period, to lead by a 2-1 score, on goals by Meduski and Hildebrandt. However, from that point on, the game went to Dartmouth, as they scored eight goals in the next three periods. M.I.T. scored but once, on a shot by Meduski for his second goal of the game.

Line-ups	
M.I.T.	Dartmouth
Bronson	G Dutcher
Pierce	Pt Burroughs
Vinci	Cp Hull
Riggs	1d Bagni
Wellard	2d Stead
Hildebrandt	C Tray
Wyckoff	2a Zaumseil
Metcalf	1a Merriam
Meduski	OH Stebbins
Brayton	IH Bodley

Substitutes:
M.I.T.: Davidoff, Bulk, De Paoli, Wilson, Walsh, Chabot, Smith, Clarke, Mulholland, Bowers, Aitken, Hickey, Levenson, Buss, Hardy, Davis, Murray, Werme, McCurdy.
Dartmouth: Eschaltz, Brewster, Kennard, Fuller, Carlin, Phillips, Dodson.

Wednesday's game saw Section 5 take an early lead. By the end of the third the score was 5-4 with Section 5 still in the lead. Don Sillers, pitching for Section 5, held Section 6 for the final two innings as the winning team picked up a couple of more runs.

Varsity, Jayvees, Lights, Fourth Boat, Win In Rough Water

M.I.T. swept the crew races with Harvard held last Saturday afternoon on the Charles. In rough water and against a heavy wind, not one of the Tech crews was beaten. The varsity heavyweights just defeated the Crimson varsity by a few feet in the main race of the afternoon, but the lightweight varsity and Pat Manning's lights, went across the finish line with open water between them and the Harvard boat, and the Jayvees and fourth boat also were way ahead.

The varsity won the Henley. This race was by far the closest and most exciting one of the afternoon. The two crews were neck and neck all the way down the course. The engineers took about a half length lead, then Harvard pulled up to about three feet of the Tech boat. However, M.I.T. held this margin over the Crimson to the finish line. The water at this time was the roughest of the afternoon, but the crews rowed faultlessly in a race beautiful to watch.

Jayvee Wins Easily

The race between the Tech jayvee and fourth boat and Harvard was a walkaway for the Tech crew. The jayvee finished first with the fourth boat second. The No. 4 boat came up on the jayvees after that boat had taken an early lead, but the former tired and did not have enough to challenge the jayvee at the finish.

The M.I.T. lights finished about six lengths ahead of the Crimson. Pat Manning's lightweights, a crew composed of the men left after those picked for the varsity lights, put in a splendid performance and came up on the lights during the race. However, they caught a crab about 600 yards after going thru the bridge and finished three lengths behind the varsity.

Close of Good Season

Winning this year's regatta with Harvard, brings to a glorious conclusion a fine season for the M.I.T. crew. This win goes officially into the books; last year's race being unofficial. The varsity did splendidly throughout the season and proved itself one of the outstanding collegiate crews of the year.

Coach Bob Moch deserves all the credit in the world for a great coaching job and plenty of hard work in training the men and developing the boats. Hats off also goes to Pat Manning whose crew did such a great job last Saturday. They did not even use a racing start, but rowed their hearts out and wound up ahead of the Crimson varsity.

Much credit must be handed to Dick Ballman, who managed the crew during the best part of the season. He did a great job in assisting Coach Moch with the crew duties. Everyone knows what a fine performance was turned in by the members of the varsity and jayvee, and they all have great things to say about Bill "Red" Grant who was coxswain for the varsity. Stokes Thorkilsen of the varsity, Jorgenson of the jayvee, and Winkler of the lights, handled their jobs in finished style and to pick a man in Pat Manning's crew, the choice logically goes to Dedell.

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Dr. Compton Announces Changes In Curriculum

(Continued from Page 1)

Standard Freshman Program

The new schedule provides for a standard curriculum for all first year students. The second year curriculum has been divided into two main subdivisions, science and engineering, with an opportunity to begin elementary subjects of the student's chosen profession. The number of undergraduate subjects was reduced from 523 to 412. This was accomplished by consolidation of subjects of nearly the same content and purpose, and elimination of certain options. There was also a reduction in the variety of schedules offered in the upper years. Under the new plan meteorology is established as a separate undergraduate course leading to the degree of bachelor of science in meteorology.

The four-year program in the humanities and social sciences provides that in addition to customary courses in modern languages students will take one full course of a non-professional character every year. The work of the first year will be devoted to English with emphasis on written and oral expression. Special provisions are made for students who when they enter are ready for advanced work in English and for foreign students who require intensive instruction. The emphasis on writing and expression will continue throughout the four years. In the second year all students will be given an introductory course in modern history with special reference to the place of the United States in world affairs. On the basis of the preceding courses, especially history in the second year, the third year will be devoted to the social sciences generally, economics and psychology. Under the new program in the second half of the third year students will be permitted to choose between a limited number of options in the general field of the social sciences.

Four Senior Options

In their senior year students will be given an opportunity to choose one of four options, namely the history of science and thought, music and the fine arts, western world literature, or international relations. Each of these four courses will be closely coordinated with the objectives and purposes of those given in the preceding three years. All classes will be held in small sections and constant opportunity will be given for improvement in both written and oral expression.

In its social outlook the four-year plan in the humanities is an expansion of courses that have long been part of the Institute's curriculum. Even as early as 1865 when the Institute opened its doors, President William Barton Rogers was a pioneer in his conviction that a sound scientific or technical education could not be complete without adequate time and attention to the humanities and the social sciences. This purpose has been emphasized in every succeeding administration.

Many Electives Taken

In recent years many students have taken elective courses in pure and applied psychology, philosophy and international relations. Most of these courses have been given on the free elective system. Thus, in a typical pre-war year 1939-40, nearly 2,000 students were enrolled in 57 different subjects of a general and essentially nonvocational character.

Proofs Available At Technique Office

The proofs of the formal pictures of the fraternities and the various organizations which were taken for the 1945 issue of Technique are now available in the Technique office, it was announced by William H. Farrow, 6-45, General Manager. Extra copies of all these group pictures can be ordered through Technique for the price of 75c.

Seniors who have any additions or corrections to be made on their biographies must do so at once since these have to go to the printers soon and cannot be changed once they are set in type. The Technique Senior section has been revised in this year's book to give a new layout with fewer men and larger senior pictures per page.

The final call has been made for all write-ups to go in the 1945 issue, and all fraternity informal pictures are to be taken as soon as Rush Week is over in order to get pictures of the entering fraternity freshmen.

Dr. Compton Speaks On Tech Night

(Continued from Page 1)

Over 5,600 Alumni in Service

Mr. Lowe then asked the President about Technology graduates who hold high military and government posts. Dr. Compton replied, "Yes, it's a matter of considerable pride that we have more than 5,600 Technology Alumni in the armed services. They include 25 admirals, one commodore, and 69 generals. For instance, General Doolittle and General Kenney and Admiral Land are well-known names. Clarence D. Howe, Canadian Minister of Munitions and Supply, is another M.I.T. man, and so is Major General James V. Young of the Canadian Army. We are proud, too, that Rear Admiral Pelian T. C. Mar of the Chinese Navy and Lieutenant General Tseo Wong of the Chinese Army are Technology graduates. Sixty-five of our Alumni have been decorated for service in the various parts of the world."

After briefly telling the audience about revisions in Technology's curriculum to meet post-war needs, Dr. Compton concluded his brief talk by stating that the scientists of the future "may be expected to contribute enormously to our standard of living and the spiritual well-being of man."

acter offered for the purpose of giving them an opportunity to broaden their education by an introduction to fields of thought and interest outside their chosen professional work.

The committee which made the study resulting in the revision of the curriculum was composed of Professor Earl B. Millard, Chairman; Professor Leicester F. Hamilton, Registrar Joseph C. MacKinnon, Professor George W. Swett, Professor Arthur L. Townsend, Professor Carlton E. Tucker and Professor Bertram E. Warren.

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Inst. Committee Approves Elections

(Continued from Page 1)

mittee originated in February and its function will be to bring famous speakers to Technology. It was formed by members of the T.C.A., the Walker Memorial Committee, and the Debating Society. The committee will have no expenses outside of publicity and relies for financial support solely on other Technology activities. It has already received sufficient funds to carry on for one term.

A motion was then presented to table the motion of the Lecture Series Committee for the next Inst. Comm. meeting when James Goldstein, 2-46, will present the current plans of the Lecture Series Committee. A committee to investigate the activities of this committee was also appointed and con-

sists of Karnig A. Berberian, 10-44, Kenneth G. Scheid, 10-44, and Gilbert K. Krulee, 10-44.

All-Tech Smoker Planned

Finally, a motion that the Budget Committee withdraw an amount less than \$1000 to cover the cost of the All-Tech Smoker to be held on Monday, August 14, was passed. At this annual affair, all incoming freshmen and possibly all members of the class of 10-46, will be invited by the school. For speakers, the Vice-Presidents of Chrysler Company and of Arthur D. Little Company have been contacted, but no definite arrangements have been reached.

Robert L. Hunter, 10-44, Peter L. Quattrochi, 10-44, were absent. Bruce K. Lamberton, 10-44, and William C. Cahill, 2-46, were present by proxy. Robert B. Hildebrandt, 6-45, and James S. Craig, 2-46, were late.

Beavers To Fight Williams Team

(Continued from Page 3)

Wason (B); Ray (M); time 10:23.0.
Hammer throw: won by Murphy (M); Dodds (M); Schwarzer (B); dist. 122'4 1/4".
Javelin: won by Niegelsky (B); Upton (M); Oechsle (M); dist. 165'0 1/2".
Shot put: won by Lukens (B); Roy (M); Helve (M); dist. 38'9".
High jump: won by Pasfield (M), Humphrey (M) and Moore (M) tie; height 5'8".
Broad jump: won by Randolph (M); Crowell (M); Simpson (M); dist. 20'8 1/2".
Pole vault: won by Wright (M); Gryska (B); Hildebrand (M); height 11'3".
Discus: won by Dickinson (M); Dodds (M); Plaut (M); dist. 113'9 1/2".



There's a character who's got a heart like his name. To him a Nip in the trees is a notch in his gun.

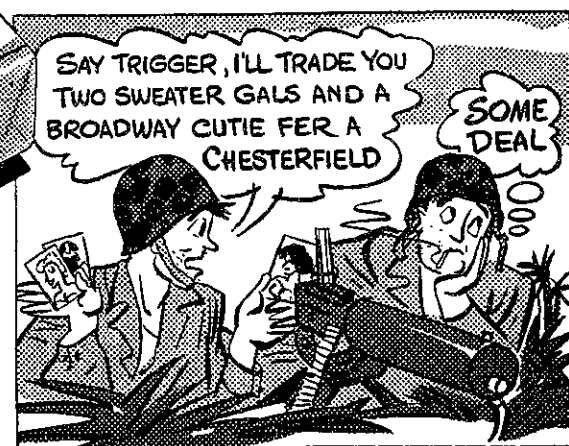
Me, I've got the hottest pin-up collection in the Pacific but does it get me anywhere with Trig? No!

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